

[012] A support table 34 is provided for guide assembly 18. A first drive mechanism 32 is provided for moving support table 34 parallel to rotational axis 14 of arbor 12. Support table 34 has an underlying pivot axis 36 that is spaced from and substantially perpendicular to rotational axis 14 of arbor 12. Pivot axis 36 is on alignment plane 24 such that leading edge 22 of each saw blade 16 remains positioned along alignment plane 24 as support table 34 is rotated to move guide assembly 18 to alter the angular positioning of saw blades 16 relative to plane 44. A second drive mechanism 38 is positioned for directing movement of support table 34 around pivot axis 36. In the illustrated embodiment, support table 34 has an underlying bearing ring 40 that uses pivot axis 36 as its centroid and has roller bearings 42 that permit rotational movement of support table 34. Upon movement of second drive mechanism 38, support 34 is able to rotate on bearing ring 40 around pivot axis 36. It will be appreciated, however, that the configuration of support table 34, first drive mechanism 32 and second drive mechanism 38 could be varied as long as the relative position of pivot axis 36 and alignment plane 24 remained the same.

1-3 (CANCELED)

4. (PREVIOUSLY PRESENTED) An apparatus for steering saw blades comprising:

an arbor rotatable about a rotational axis;

a plurality of saw blades mounted on the arbor so that the plurality of saw blades are rotatable with the arbor and are angularly adjustable in relation to the rotational axis of the arbor;

a rigid guide assembly having a plurality of guides with each guide accommodating one of the plurality of saw blades such that movement of the guide assembly angularly adjusts each of the plurality of saw blades in unison with one another, and a leading edge of each of the plurality of saw blades being positioned along a common alignment plane;

a table supporting the guide assembly, the table having a single pivot axis spaced from and extending substantially perpendicular to an arbor plane in which the rotational axis of the arbor lies and rotates, the single pivot axis intersecting the alignment plane such that the leading edge of each of the plurality of saw blades remains positioned along the alignment plane as the guide support rotates about the single pivot axis to move the guide assembly and alter the angular position of the plurality of saw blades.

5. (PREVIOUSLY PRESENTED) The apparatus according to claim 4, wherein a first drive is connected to the table for moving the table back and forth in a direction parallel to the rotational axis of the arbor.

6. (PREVIOUSLY PRESENTED) The apparatus according to claim 5, wherein a second drive mechanism is coupled to the table to provide limited rotational movement of the table about the pivot axis.

7. (CURRENTLY AMENDED) The apparatus according to claim 4, wherein the guide assembly includes a pair of spaced apart guide rails and [[a]] said plurality of guides are mounted on the two guide rails. ♦♦